

A SYSTEM AND METHOD FOR DISPLAYING USAGE INFORMATION
IN A DATA NETWORK

ABSTRACT OF THE DISCLOSURE

5 [00105] A channel map display module, at least one user interface template and storage for holding information about band and channel assignments, subrate information, provisioned circuit and subrate circuits are used to create a unique channel map that presents the network provisioning information in graphical form that is easy to understand. The channel map display module is coupled to and polls the administrative complex of each node in the network to
10 retrieve and gather the data about the network. The channel map display module combines the with the novel user interface for presentation to the user. The channel map user interface displays all the circuits formed on a sub-network, the band and channel assignments, whether a node perform regeneration, and if the circuit is coupled to multiplexers for other subrate circuit in a single display window. The present invention also includes methods such as a method for
15 generating a channel map display, method for providing additional channel and circuit information, and various methods for updating the channel map display in response to extrinsic network events.